## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref #      | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|---|---|---------------------|---------|---------------------|
| S1         | 1    | 10/804689   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/09/06<br>15:09 |
| <b>S</b> 2 | 52   | harold near mattice   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/09/06<br>15:23 |
| S3         | 121  | richard near wilder   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/09/06<br>15:30 |
| S4         | 37   | S2 and S3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/09/06<br>15:10 |
| <b>S</b> 5 | 22   | harold near mattice<br>and touch near<br>screen               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/09/06<br>15:27 |
| <b>S</b> 6 | 12   | harold near mattice<br>and touch near<br>screen and frequency | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/09/06<br>15:27 |
| <b>S</b> 7 | 10   | richard near wilder<br>and touch near<br>screen and frequency | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/09/06<br>15:33 |

| S8  | 199 | 463/16 and touch<br>near screen and<br>frequency  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>15:34 |
|-----|-----|---|---|----|----|---------------------|
| S9  | 159 | 463/16 and touch<br>near screen and<br>frequency and signal                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>15:34 |
| S10 | 152 | 463/16 and touch<br>near screen and<br>frequency and signal<br>and multipl\$4                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>15:35 |
| S11 | 0   | 463/16 and touch near screen and frequency and signal and multipl\$4 and sinusoid\$2            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>15:35 |
| S12 | 0   | 463/16 and touch<br>near screen and<br>frequency and signal<br>and multipl\$4 and<br>sinusoidal | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/06<br>15:35 |
| S13 | 6   | 463/16 and touch<br>near screen and<br>frequency and signal<br>and multipl\$4 and<br>filter\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07<br>07:13 |
| S14 | 0   | 463/16 and touch<br>near screen and<br>sinusoidal   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07<br>07:14 |
| S15 | 0   | 463/16 and touch<br>near screen and<br>sinusoid   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/07<br>07:14 |

| S16 5   | (("5,796,389") or<br>("5,951,397") or<br>("6,476,798")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/07<br>07:14 |
|---------|---|---|----|-----|---------------------|
| S17 120 | ("3382588"   "3466391"   "3482241"   "3591718"   "3632874"   "3632874"   "3699439"   "3732557"   "3757322"   "3757322"   "3815127"   "3836909"   "3971013"   "3999012"   "4018989"   "4022971"   "4029899"   "4029899"   "4055726"   "4079194"   "4088904"   "410749"   "4112415"   "4112474"   "4177354"   "4177354"   "4177421"   "4177421"   "4178481"   "4178481"   "4186392"   "4214122"   "4233593"   "4235522"   "4286289"   "4286289"   "4291303"   "4293734"   "4305007"   "4305007"   "4307383"   "4305071"   "4307383"   "4305007"   "4307383"   "4305007"   "4307383"   "4305071"   "4307383"   "4305071"   "4307383"   "4305071"   "4307383"   "4305071"   "4307383"   "4305071"   "4307383"   "4305071"   "4307383"   "4305071"   "4307383"   "4305071"   "4307383"   "4305071"   "4307383"   "4305071"   "4307383"   "4305071"   "4307383"   "4305071"   "4307383" | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/09/07<br>07:28 |

| "4374381" |     |   |   |
|-----------|-----|---|---|
| "4379287" |     |   |   |
| "4431882" |     |   |   |
| "4435616" |     |   |   |
| "4455452" | į.  |   |   |
| "4475235" |     |   |   |
| "4476463" |     |   |   |
| "4484038" |     |   |   |
| "4523654" |     |   |   |
| "4567470" |     |   |   |
| "4595913" |     |   |   |
| "4621257" |     |   |   |
| "4622437" |     |   |   |
| "4623757" |     |   |   |
| "4639720" | i i |   |   |
| "4649232" |     |   |   |
| "4649499" |     |   |   |
| "4653086" |     |   |   |
| "4661655" |     |   |   |
| "4675569" |     |   |   |
| "4680429" |     |   |   |
| "4680430" |     |   |   |
| "4684801" |     |   |   |
| "4686332" |     |   |   |
| "4687885" |     |   |   |
| "4694279" |     |   |   |
| "4698460" |     |   |   |
| "4698461" |     |   |   |
| "4707845" |     |   |   |
| "4731508" |     |   |   |
| "4733222" |     |   |   |
| "4740781" |     |   |   |
| "4743895" |     |   |   |
| "4755634" |     |   |   |
| "4763356" |     |   |   |
| "4777328" |     |   |   |
| "4797514" |     |   |   |
| "4806709" |     |   |   |
| "4822957" |     |   |   |
| "4825212" |     |   |   |
| "4839634" |     |   |   |
| "4853498" |     |   |   |
| "4873400" |     |   |   |
| "4875036" | i i |   |   |
| "4896223" |     |   |   |
| "4910504" |     |   |   |
| "4914624" |     |   | <br>*************************************** |
| "4922061" |     |   |   |
| "4924222" |     |   |   |
| "4954823" |     | *************************************** | ***************************************     |
| "4958148" |     |   |   |
| "5016008" |     |   | <br>*************************************** |
| "5027115" |     |   | <br>  |
| JUZ/113   |     | *************************************** | <br>*************************************** |
|           |     |   |   |

|     |     | "5053757"  <br>"5251123").PN. OR<br>("5796389").URPN.  |                           |    |    |                     |
|-----|-----|--|---------------------------|----|----|---------------------|
| S18 | 171 | ("4856787"  <br>"5042809"  <br>"5224706"  <br>"5263716"  <br>"5342047").PN. OR<br>("5951397").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>07:28 |
| S19 | 110 | ("3382588"   "3466391"   "3482241"   "3591718"   "3622105"   "3699439"   "3732369"   "3732557"   "3757322"   "3798370"   "3815127"   "3836909"   "3971013"   "3999012"   "4018989"   "4022971"   "4029899"   "4079194"   "4079194"   "4079194"   "4179747"   "4175239"   "4177421"   "4178481"   "4177421"   "4178481"   "4178481"   "4178481"   "4186392"   "4214122"   "4221975"   "4235522"   "4242676"   "4281323"   "4286289"   "4291303"   "4293734"   "4305007"   "4305007"   "4305007" | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07          |

| 33 | : §       | 3 | : } | :                                       | § :3 |   |
|----|-----------|---|-----|---|------|---|
|    | "4307383" |   |     |   |      | i |
|    | "4353552" |   |     |   |      |   |
|    | "4371746" |   |     |   |      |   |
|    | "4374381" |   |     |   |      | i |
|    | "4379287" |   |     |   |      |   |
|    | "4431882" |   |     |   |      |   |
|    | "4435616" |   |     |   |      |   |
|    | "4455452" |   |     |   |      | i |
|    | "4475235" |   |     |   |      |   |
|    | "4476463" |   |     |   |      | i |
|    | "4484038" |   |     |   |      | : |
|    | "4523654" |   |     |   |      | ! |
|    | "4567470" |   |     |   |      | i |
|    | "4595913" |   |     |   |      | i |
|    | "4621257" |   |     |   |      | ! |
|    | "4622437" |   |     |   |      |   |
|    | "4623757" |   |     |   |      |   |
|    | "4639720" |   |     |   |      |   |
|    | "4649232" |   |     |   |      |   |
|    | "4649499" |   |     |   |      | i |
|    | "4653086" |   |     | -                                       |      | ! |
|    | "4661655" |   |     |   |      |   |
|    | "4675569" |   |     |   |      | i |
|    | "4680429" |   |     |   |      | : |
|    | "4680430" |   |     |   |      |   |
|    | "4684801" |   |     |   |      | i |
|    | "4686332" |   |     |   |      |   |
|    | "4687885" |   |     |   |      |   |
|    | "4694279" |   |     |   |      | i |
|    | "4698460" |   |     |   |      | : |
|    | "4698461" |   |     |   |      |   |
|    | "4707845" |   |     |   |      |   |
|    | "4731508" |   |     |   |      |   |
|    | "4733222" |   |     |   |      | ! |
|    | "4740781" |   |     |   |      | i |
|    | "4743895" |   |     |   |      | i |
|    | "4755634" |   |     |   |      |   |
|    | "4763356" |   |     |   |      |   |
|    | "4777328" |   |     |   |      | i |
|    | "4797514" |   |     |   |      | i |
|    | "4806709" |   |     |   |      | ! |
|    | "4822957" |   |     |   |      |   |
|    | "4825212" |   |     |   |      |   |
|    | "4839634" |   |     |   |      | : |
|    | "4853498" |   |     |   |      |   |
|    | "4873400" |   |     |   |      | : |
|    | "4875036" |   |     |   |      |   |
|    | "4896223" |   |     |   |      | : |
|    | "4910504" |   |     |   |      |   |
|    | "4914624" |   |     |   |      | : |
|    | "4922061" |   |     |   |      |   |
|    | "4924222" |   |     |   |      | : |
|    | "4954823" |   |     | *************************************** |      |   |
|    | 4304023   |   |     |   |      |   |
| ,  |           | - |     |   | ,    |   |

|     |    | "4958148"  <br>"5016008"  <br>"5027115"  <br>"5053757"  <br>"5241308"  <br>"5251123").PN. OR<br>("6476798").URPN. |                           |    |    |                     |
|-----|----|---|---------------------------|----|----|---------------------|
| S20 | 5  | S17 and touch near<br>screen and sinusoid<br>\$2  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>07:29 |
| S21 | 0  | S18 and touch near<br>screen and sinusoid<br>\$2  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>07:29 |
| S22 | 5  | S19 and touch near<br>screen and sinusoid<br>\$2  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>07:30 |
| S23 | 10 | 345/174 and touch<br>near screen and<br>sinusoid\$2   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>07:32 |
| S24 | 5  | 345/180 and touch<br>near screen and<br>sinusoid\$2   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>08:49 |
| S26 | 32 | 345/173 and touch<br>near screen and<br>sinusoid\$2   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>08:50 |
| S27 | 7  | 345/178 and touch<br>near screen and<br>sinusoid\$2   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>09:02 |
| S28 | 10 | 345/179 and touch<br>near screen and<br>sinusoid\$2   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>09:02 |
| S29 | 5  | 178/18.05 and touch<br>near screen and<br>sinusoid\$2   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>09:03 |
| S30 | 0  | 463/36 and touch<br>near screen and<br>sinusoid\$2  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>07:31 |
| S31 | 0  | 463/20 and touch<br>near screen and<br>sinusoid\$2  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>07:31 |
| S32 | 0  | 463/13 and touch<br>near screen and<br>sinusoid\$2  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>07:32 |
| S33 | 0  | 463/12 and touch<br>near screen and<br>sinusoid\$2  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2007/09/07<br>07:32 |

| S34         | 0 | 463/16 and touch<br>near screen and<br>sinusoid\$2   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/09/07<br>07:32 |
|-------------|---|--|---|----|-----|---------------------|
| <b>S</b> 35 | 0 | 273/143R and touch<br>near screen and<br>sinusoid\$2 | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/09/07<br>07:32 |
| S36         | 2 | ("6476798").PN.                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/17<br>11:31 |

## **EAST Search History (Interference)**

| Ref # | Hits | Search Query | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------|-------------|------------------|---------|------------------|
| L1    | 39   | 345/173 and  | USPAT; UPAD | OR               | ON      | 2010/04/08 13:22 |
|       |      | touch near   |             |                  |         |                  |
|       |      | screen and   |             |                  |         |                  |
|       |      | sinusoid\$2  |             |                  |         |                  |

4/8/2010 1:24:55 PM

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